

20038

S/146/61/004/001/002/016  
B104/B215

26.2194

AUTHORS: Timoshkov, G. V., Smyk, S. P.

TITLE: Electronic instrument for measuring the torque of the shaft of a high-speed turbine

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye, v. 4, no. 1, 1961, 12-22

TEXT: The author assumes that the determination of the twisting angle of a turbine shaft is suited best for measuring the torque of a high-speed turbine. Inductive and photoelectric pick-ups can easily be used as pick-ups of the relative positions of two cross sections of the turbine shaft. Induction pick-ups are used in the instrument developed by the authors. These two induction pick-ups consist of a disk with 40 teeth (rotor) fitted on the shaft, and a magnet coil in the stator, with corresponding pole shoes. The movement of the tooth through the pole shoes generates a pulse in the magnet coil. Each pick-up generates a quasi-sinusoidal voltage, and from the phase position of the two

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Electronic instrument for ...

voltages, the twisting is inferred. The output signals of the pick-ups are amplified by equal amplifiers, differentiated, and thus control the triggers of the two channels. Cathode follower and integrator are used for generating a d.c. voltage proportional to the twisting on the turbine shaft. The impossibility of a static calibration is mentioned as a deficiency of the circuit shown in Fig. 3. The authors achieved the dynamic calibration of the instrument by a quartz-stabilized calibration generator. A calibration diagram allowing the determination of negative and positive moments of the turbine, was thus obtained. Such a calibration has to be made for every shaft. A detailed examination of the above device shows that the error does not exceed  $\pm 2\%$ . The publication of this article was recommended by the Kafedra radiotekhniki (Department of Radio Engineering). There are 4 figures.

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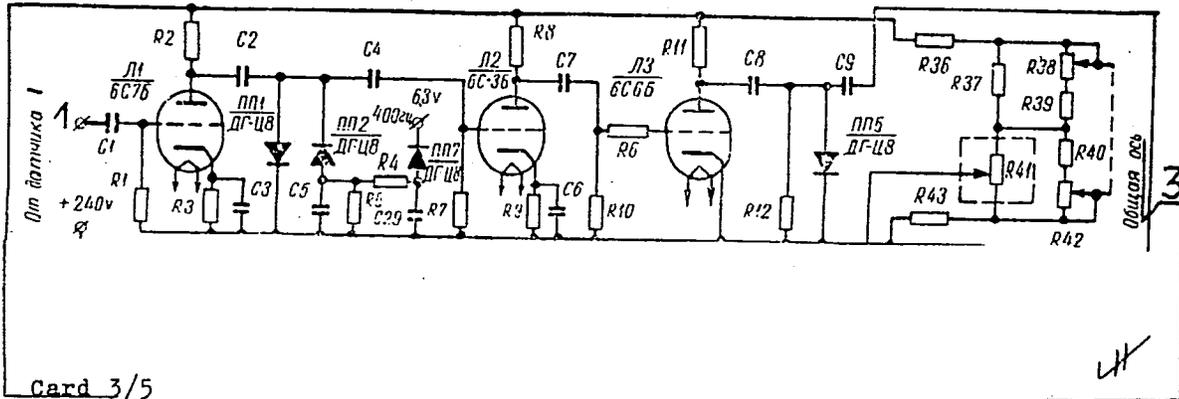
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Electronic instrument for ...

ASSOCIATION: Moskovskoye ordena Lenina i ordena Trudovogo Krasnogo  
Znameni vyssheye tekhnicheskoye uchilishche im. Baumana  
(Moscow Lenin Order and Order of the Red Banner of Labor.  
School of Higher Technical Education imeni Bauman)

SUBMITTED: June 27, 1960



Card 3/5

*SMYK, W.*  
IWANOWSKA, J.; DEPTULA, St.; SMYK, W.

Active bodies in the parathyroid glands. Acta physiol. polon. 5 no.4:  
654-655 1954.

1. Z Instytut Lekow w Warszawie. Dyrektor: Prof. dr P.Kubikowski.  
(PARATHYROID GLAND, physiology,  
active bodies in)

IWANOWSKA, J.; DEPTULA, St.; SMYK, W.

Parathormone and its relation to vitamin D. Acta physiol. polon.  
7 no.2:185-196 1956.

1. Z Instytutu Lekow w Warszawie Dyrektor: prof. dr. P. Kubikowski.  
(PARATHYROID GLANDS, hormones,  
relation to vitamin D in rats (Pol))  
(VITAMIN D, effects,  
on parathyroid hormone in rats (Pol))

POLAND/Human and Animal Physiology - (Normal and Pathological) T  
Metabolism. Vitamins.

Abs Jour : Ref Zhur Biol., No 6, 1959, 26262

Author : Iwanowska, J., Deptula, S., Elitek, D., Snyk, W.,  
Wardynska, H., Galecka, H.

Inst : -

Title : Origination Mechanism of E-Avitaminoses

Orig Pub : Acta physiol. polon., 1958, 9, No 2, 257-262

Abstract : Various degrees of E avitaminosis were induced in female rats by giving insufficient rations. Separate groups of rats received 0.167, 0.318, 0.605 and 1.150 mg respectively of tocopherole per animal. By counting live, resorpted and dead embryos, as well as by the absence of pregnancy, it was established that the best result is obtained from tocopherole dose of 0.318 - 0.605.

Card 1/1

2

SMYKA, T.V., red.; LAVRENOVA, N.B., tekhn. red.

[Electric engineering materials] Elektrotekhnicheskie materialy. Izd. ofitsial'noe. Moskva, Standartgiz, Pt.2.  
[Insulators] Izoliatory. 1963. 157 p. (MIRA 16:6)

1. Russia (1923- U.S.S.R.) Vsesoyuznyy komitet standartov.  
(Electric engineering--Materials)  
(Electric insulators and insulation--Standards)

SMYKA, V.

Choice of engines is the most important problem of technical policy in the merchant marine. Mor. flot 16 no.7:9-12 J.L. 1956. (MLRA 9:11)

1. Zamestitel' nachal'nika Glavnogo upravleniya sudovogo khozyaystva Ministerstva morskogo flota.  
(Marine engines)

SMYKAL, Frantisek, inz. C.Sc.

Transportation peaks. Doprava no.8:264-268 '62.

WIEDERMANNOVA, A.; SMYKALOVA, M.

Cooperation of blood transfusion stations with regional physicians.  
Cesk. zdravot. 5 no.12:718-719 Dec 57.

1. Z fakultni transfusni stanice PU v Olomouci (prednosta Z. Malaska).  
(BLOOD TRANSFUSION,  
cooperation of transfusion stations with regional  
physicians (Cz))

SPYKOL, T. AND OTHERS.

Poland's shipbuilding industry. p. 178.

PRZEGLAD MECHANICZNY. (Stowarzyszenie Inzynierow i Technikow Mechanikow  
Polskich) Warszawa. Poland. Vol. 17, no. 5, May 1958.

Monthly List of East European Accessions (MEAT) LC, Vol. 9, No. 2,  
Feb. 1959.

Uncla.

BAROCHINA, B.Ya.; KATUSHKIN, V.P.; MINSTER, V.Sh.; ABOVSKIY, B.TS.;  
ALEKSANDROVICH, I.F.; ZERNOV, P.N.; SORINA, Ye.M.; DOLGOVA, I.M.;  
POZIN, Z.S.; SMEKOV, B.A.

Recovery of carbon disulfide from the steam-air mixture from  
centrifugal machines. Khim. volok. no.4:67-70, '64. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo  
volokna (for Barochina, Katushkin, Minster). 2. Mogilevskiy zavod  
iskusstvennogo volokna (for all except Barochina, Katushkin,  
Minster).

S.M.F.S.V. N Ya

Our work practice in combatting losses of petroleum products.  
Neftianik 2 no.9:16 S '57. (MIRA 10:9)

1. Nachal'ni ustanovki imeni Aleksandra Matrosova Groznenskogo  
neftepererabatyvayushchego zavoda.  
(Petroleum products)

LEVCHENKO, I.; SMYKOV, S.,

Improve the quality of mine construction. Sovshakht. 10  
no.11:23 N '61. (MIRA 14:11)

1. Nachal'nik tekhnicheskogo otdela tresta Selidovugol' (for  
Levchenko). 2. Glavnyy marksheyder tresta Selidovugol' (for  
Smykov).

(Mining engineering)

SMYKOV, V.A., elektromekhanik

Prevention of damage to TAN telephone apparatus. Avtom.telen.  
i sviaz' 4 m.8:39 Ag '60. (MIRA 13:8)

1. Kupyanskaya distantsiya signalizatsii i svyazi Yuzhnoy  
dorogi.

(Telephone--Equipment and supplies)

SMYKOV, V.I., inzh.; IVANOV, R.A., inzh.

Stabilizing gravelly soils with cement. Avt. dor. 24 no.3:23 Mr  
'61. (MIRA 14:5)

(Soil stabilization)

1. SMYKOV, V. K.
2. USSR (600)
4. Michurinsk-Quince
7. Studying the winterhardiness of quince under Michurinsk weather conditions.  
Dokl. Ak. sel'khoz. 17, No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

M

~~USSR~~/Cultivated Plants. Fruits. Berries.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20491.

Author : V. Smykov  
Inst : Not given.  
Title : The Reproduction of Northern Forms of Common Quince.  
(Razmnozheniye severnykh form ayvy obyknovnoy).

Orig Pub: Sb. nauchn. tr. Est. s.-kh. akad., 1956, 2, 87-94.

Abstract: In working out a method of vegetative reproduction for seedlings of the Northern quince which do not take root with lignified grafts, it was established that the best method of reproduction is by means of horizontal cuttings. The taking root of the green cuttings (50-55% acclimatization) was successful with grafts from the green shoots or from the middle part of the shoots. One year old quince inoculations on the hawthorn (*Crataegus submollis*) coal-

Card : 1/2

USSR/Cultivated Plants - Fruits. Berries.

M-6

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30074

Author : Smykov, V.K.  
Inst : -  
Title : The Open Ground Grape in the Estonian SSR.

Orig Pub : Vinodeliye i vinogradarstvo SSSR, 1956, No 7, 63.

Abstract : Observations show that in Estonia, particularly in the south eastern rayons, one may successfully raise grapes on the open ground. Since 1953 there has been created near the city of Tartu a collection of prospective grape varieties (Seyanets Malengra, Chernyy sladkiy, Malengranny, Madlen Anzhevin, etc.) The Lin'yan variety accumulated 16-17% sugar even in years which were unprotitious to the ripening of these grapes.

Card 1/1

MASLOV, Vasiliy Yakovlevich; SMYKOV, Vladimir Karpovich; KHRAMOV,  
Yevgeniy Sergeyevich; FITOVA, L., red.; KURMAYEVA, T.,  
tekh.n.red.

[Best stone fruit varieties for Moldavia] Luchshie sorta  
kostochkovykh porod dlia Moldavii. Kishinev, Gos.izd-vo  
"Kartia moldoveniaske," 1961. 62 p. (MIRA 14:6)  
(Moldavia--Stone fruit--Varieties)

ABROSKIN, P.I., kand. ekonom. nauk (Novocherkasak); SMYKOV, Ye.A.;  
(Novocherkassk); TUSHKANOV, B.A. (Novocherkassk)

Promising types of locomotives. Zhel. dor. transp. 45 no.11:  
49-54 N '63. (MIRA 16:12)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta  
elektrovozostroyeniya (for Smykov). 2. Nachal'nik spetsial'-  
nogo konstruktorskogo otdela Vsesoyuznogo nauch'o-issledovatel'-  
skogo instituta elektrovozostroyeniya (for Tushkanov).

SMYKOV, Ye. K.

SMYKOV, Ye. K., Cand Tech Sci -- (diss) "Calculation of curved switching movement." Len, 1958. 23 pp with drawings (Min of Railways USSR. Len Order of Lenin Inst of Engineers of Railroad Transport im V.N. Obratsov). 100 copies (KL, 20-58, 98)

SMYKOV, Ye.K., aspirant

Calculating the curve for curvilinear switch boxes. Sbor. LIIZHT  
No.158:243-254 '58. (MIRA 11:6)  
(Railroads--Switches)

SMYKOV, Ye.K., aspirant

Simplification of the calculations for curvilinear switch boxes.  
Sbor. LIIZHT no.158:255-278 '58. (MIRA 11:6)  
(Railroads--Switches)

SMYKOV, Ye.K., kand.tekhn.nauk

Efficient length of the straight insert preceding the frog  
of the switch. Sbor.LIIZHT no.166:89-95 '59.  
(MIRA 13:6)

(Railroads--Switches)

PETRUKOVICH, A.A., kand.tekhn.nauk (Gomel'); TARTAKOVSKIY, R.N., kand.-  
tekhn.nauk (Gomel'); SMYKOV, Ye.K., kand.tekhn.nauk (Gomel');  
LIPSKIY, M.V., dotsent (Gomel'); LIZOGUB, I.G., starshiy prepodavatel'  
(Gomel'); GANKEVICH, V.I. (Gomel'); PETROV, A.G. (Gomel');  
ANAMENSKIY, P.I. (Gomel')

"The railroad track" by G.M.Shakhuniants. Reviewed by A.A.  
Petrukovich and others. Zhel.dor.transp. 44 no.4:95-96 Ap  
'62. (MIRA 15:4)

1. Zamestitel' nachal'nika Belorusskoy dorogi (for Gankevich).
2. Nachal'nik sluzhby puti Belorusskoy dorogi (for Petrov).
3. Glavnyy inzh. sluzhby puti Belorusskoy dorogi (for Znamenskiy).  
(Railroads--Track)  
(Shakhuniants, G. M.)

SNYKOV, Ye.K.

[Examples of calculations for the laying and straightening of switches on curves] Primery raschetov ukladki i vypravki stroichnykh perevodov v krivykh. Gomel', Belorusskii in-t inzhenerov zhel-dor. transporta, 1962. 39 p. (MIRA 15:12)  
(White Russia--Railroads--Switches)

SMYKOV, Ye.K., kant. tekhn. nauk, red.; ROMANOV, A.A., tekhn. red.

[Operational conditions of track with continuous welded  
rails]Usloviia raboty besstykovogo puti. Gorod', 1962. 75 p.  
(MIRA 15:10)

1. Gorod', Belorusskiy institut inzhenerov zheleznodorozhnogo  
transporta.

(Railroads---Track)

TUROV, N.P., inzh.; LIZOGUB, I.G., inzh., starshiy prepodavatel'; SMYKOV,  
Ye.K., kand.tekhn.nauk (st. Priyamino, Belorusskoy dorogi)

Use of tracklaying machines in the replacement of switches. Put. i  
put.khoz. 6 no.6:14 '62. (MIRA 15:7)

1. Nachal'nik putevoy mashinnoy stantsii No.71, st. Priyamino,  
Belorusskoy dorogi (for Turov). 2. Belorusskiy insitiut inzhenerov  
zheleznodorozhnogo transporta (for Lizogub).  
(Railroads--Maintenance and repair)

SMYKOV, Ye. P., kand. tekhn. nauk (Gomel'); LIZOGUB, I.G., inzh. (Gomel')

Adapt the arrangement of switch systems for a mechanized  
laying. Put' i put. khoz. 6 no.8:22-23 '62. (MIRA 15:10)

(Railroads—Switches)

LIPSKIY, M.V.; SBYKOV, Ye.K., kand. tekhn. nauk, red.; NEKHAY,  
V.T., red.; KISLYAKOVA, M.N., tekhn. red.

[Conditions of the work and characteristics of the main-  
tenance of continuous rail tracks on curves] Usloviia ra-  
boty i osobennosti sodержaniia besstykovogo puti v kri-  
vykh. Minsk, Izd-vo M-va vysshego, srednego spetsial'no-  
go i professional'nogo obrazovaniia BSSR, 1963. 54 p.  
(MIRA 17:4)

ZNAMENSKIY, P.I.; SMYKOV, Ye.K., dotsent; FILIPPOV, B.M.

Maintenance and repair of switches laid on reinforced concrete slabs. Put' i put. khoz. 8 no.5:18-19 My '64. (MIRA 17:6)

1. Glavnyy inzh. sluzhby puti, stantsiya Luninets, Belorusskoy dorogi (for Znamenskiy). 2. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta (for Smykov). 3. Nachal'nik Luninetskoy distantsii puti Belorusskoy dorogi (for Filippov).

SMYKOV, Ye.K., dots.; LIZOGUB, I.G., st. prepod.; NEKHAY, V.T.,  
red.

[Design, calculation and graphic work for the course  
"Tracks, track operation, maintenance and repair"; a  
textbook for students of higher education schools of  
railroad transportation studying operations and econom-  
ics] Raschetno-graficheskie raboty po kursu "Put' i pu-  
tevoe khoziaistvo;" posobie dlia studentov vysshikh  
uchebnykh zavedenii zheleznodorozhnogo transporta, obu-  
chaiushchikhsia po ekspluatatsionnoi i ekonomicheskoi  
spetsial'nostiam. Minsk, Vysshaia shkola, 1963. 49 p.  
(MIRA 17:9)

POPOVICH, A.A., kand. tekhn. nauk (Gomel); SHYKOV, Ye. Ki., kand. tekhn. nauk (Gomel)  
LITVIN, I.G., inzh. (Gomel)

Assembly of switches in track skeleton assembly points. Part 1  
publ'hoz. 3 no. 3:22-24 '64. (MIRA 17:9)

PETRUKOVICH, A.A., kand. tekhn. nauk (Gomel'); SMYKOV, Ye.K., kand. tekhn. nauk (Gomel'); LIZOGUB, I.G., inzh. (Gomel').

Mechanized exchange of switches. Put' i put. khoz. 8 no.11:  
13 '64. (MIRA 18:2)

ZAYTSEV, P.I.; LIZOGUB, I.G.; PETRUKOVICH, A.A., *zasl. deyatel'*  
*nauki i tekhniki Uz.SSR*; SKYKOV, Ye.K.; CHIZHOV, A.T.;  
YAKOBSON, S.I.; ANDREYEV, G.Y., *docs., reitsentent*;  
GRECHUK, V.S., *docs., reitsentent*; NEKHAY, V.T., *red.*

[Mechanization of the assembly, laying and exchange of  
switches] *Mekhanizatsiia sborki, ukladki i smeny strelch-*  
*nykh perevodov.* Minsk, *Vysshaia shkola*, 1964. 69 p.  
(MIRA 18:3)

1. *Leningradskiy institut inzhenerov zheleznodorozhnogo*  
*transporta, kafedra "Zheleznodorozhnyy put"* (for  
Andreyev, Grechuk).

ABOVSKIY, B. TS.; SMYKOVA, B. A.

Continuous drying and packing of rope-formed staple fibers.  
Khim. volok. no.6:53-55 '62. (MIRA 16:1)

(Rayon--Drying)

BALTAGA, S.V.; SMYKOVA, N.A.

Characteristics of the hemicelluloses of cotton relicts. Izv. AN  
Mold. SSR no. 433-46 '63. (MIRA 18:2)

SMYKOVA, V.I

7  
 Electrolytic and chemical improvement of the life of a cutting tool. V. I. Smykova. *Prklad. Khim. v Mashinostroeni*, *Sbornik State* 36, 55-61(1955).—Different Cr plating methods are compared as to the no. of pieces cut with or without plating. The best results were obtained with an electrolyte contg. 140 g/l. CrO<sub>3</sub> and 1.4 g/l.

Plam 1

2

H<sub>2</sub>SO<sub>4</sub> used at 62 amp./sq. dm. at 58-60°, and giving a bright deposit. Such plating improved life 3-4 times. An electrolyte consisting of 250 g/l. CrO<sub>3</sub> and 2.5 g/l. H<sub>2</sub>SO<sub>4</sub> used at 45 amp./sq. dm. and 50-5°, had better throwing power but somewhat worse life. The cutters and drills are degraded before plating. Addn. of Na<sub>2</sub>SIF<sub>6</sub> to the bath is not conducive to good plating. Life can also be improved by chem. etching in a solu. contg. 100 ml. H<sub>2</sub>SO<sub>4</sub>, 50 ml. HNO<sub>3</sub>, and 50 g. CuSO<sub>4</sub> in 1000 ml. H<sub>2</sub>O. S. Faksver

Rm HT

SMYKOWA, Zofia; CZERWINSKA, Zofia

Pulmonary tuberculosis in a 3-month-old infant with a favorable outcome. *Pediat. polska* 35 no.8:889-891 Ag '60.

1. Z II Kliniki Pediatricznej A.M. we Wrocławiu. Kierownik: prof. dr med. M.Wierzbowska.

(TUBERCULOSIS PULMONARY in inf & child)

CA Smykówna, W

11F

The effect of ionic zinc on the biological activity of estro-

gens. K. Piotrowski and W. Smykówna. *Rozprawy Patologiczne* 1950, 1, 301-306. The effect of  $Zn^{++}$  on the potency of estrogens was detd. by the changes in the oestrous cycle of 180 mice. The estrogens were injected subcutaneously either in oil or in a H<sub>2</sub>O soln. at pH 5 or 8, alone or in a soln. with  $ZnSO_4$ , or separately with a soln. of  $ZnSO_4$ . Each mouse received 0.5 mg.  $Zn^{++}$  and (or) 2 U of estrogen. The results were detd. by means of the Duszynski modification of the Allen Dossy vaginal smear technique. The  $Zn^{++}$  had no apparent effect on the potency of the estrogens. The max. readings were obtained in 72-96 hrs., lasting approx. 96 hrs. in all groups tested.  
L. J. Piotrowski

BOGDANOV, N.I., inzh.; RABINOVICH, S.Yu., inzh.; SMYKURZHEVSKIY, B.G., inzh.  
TARUSHKIN, P.A., inzh.

Assembling elements of the complex of buildings of Southern  
Stone Concentration Combine No. 2. Prom. stroi. 39 no.11:25-  
29 '61. (MIRA 14:12)

(Stone industry)

(Krivoy rog—Construction industry)

"Fightin' for reorganization of the coal industry."

Wladyslaw Gosciniak, Katowice, Vol 4, No 3, Mar. 1953, p. 66

In: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

SMYLA, B.

"We Must Improve the Quality of Our Coal" p. 147 (Własności Gornicze, Vol. 4,  
No. 5, May, 1953, Katowice)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress,  
February, 1954, Uncl.

SMYLA B.

3097  
Opolski T., Smyla B. Problems of Electrical Propulsion for Coal Cutting Instruments. 822.233.4-83:021.71:531

"Problemy elektrycznego napędu narzędzi udarowych". Przegląd Mechaniczny. No. 12, 1954, pp. 378-382, 11 figs., 1 tab.

The article describes electric hammers of foreign design hitherto used, and submits two Polish designs of such hammers with unbalanced revolving masses; a general explanation is given of the theoretical principle of operation. The difficulty of controlling rebound effects is an obstacle to the adoption in practice of the electric unbalanced masses hammers. The latest type of such a hammer designed by B. Smyla on the principle of balancing the masses has the following advantages: 1) the rebound effect caused by the moment of forces of the springs results in hammer oscillations, having no ill effects on the operator's hands; 2) the revolving masses are driven by a gear wheel pivoted in the axis of rotation of a rocker, thereby dispensing with a flexible element to drive the revolving masses; 3) when the tup moves the friction forces work here within a small radius and over a short distance, thus increasing the working efficiency of the tup. Apart from this, B. Smyla introduces several improvements with a view to decreasing the weight on the hammer, and of increasing the energy of the blow.

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SMIA, B.

New approach to coal cutting and loading machines. p. 163, Vol. 11, no. 5,  
May 1955, PRZEGLAD GORNICZY  
SO:MONTHLY LIST OF EAST EUROPEAN ADSESSIONS, (ZEAL), LC, Vol. 4, No.9,  
Sept. 1955, Uncl.

SMYLA, Bogdan, inz.

New mining machinery and installations designed in the Designing and Mechanization Laboratories. Wiadom gorn 14 no.2/3:84-88 F-Mr '63.

AKHALAYA, M.G.; LUKAVA, A.F.; ROGONYAN, A.A.; SMYR, Z.E.; ANTEIAYA, G.K.

Combined treatment of bone fractures of the extremities with plaster and adhesive cloth bandages. Sbor. trud. Med. nauch. ob-vo Abkh. 2:243-246 '59. (MIRA 14:10)

1. Iz otdeleniya travmatologii i vosstanovitel'noy khirurgii Respublikan-skoy bol'nitsy imeni A.A.Ostroumova Ministerstva zdravookhraneniya Abkhazskoy ASSR (zav. otdeleniyem - laureat Stalinskoy premii M.G. Akhalaya, glavnyy vrach G.N.Nadareyshvili).  
(FRACTURES) (BANDAGES AND BANDAGING)  
(PLASTER CASTS, SURGICAL)

ACC. NO. 1174 3 1966 11 8 1966 922-923

AUTHOR: Radtsig, I. I.; Smykov, Ya. M.; Lyubim'sky, M. P.; Finkel', V. G.

35  
B

ORG: Physicotechnical Institute, AN URSR, Kharkiv (Fiziko-tekhnicheskii institut AN URSS)

TITLE: Solubility of cerium in beryllium

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 11, no. 8, 1966, 922-923

TOPIC TAGS: ~~beryllium cerium alloy, beryllium cerium solid solution,~~ SOLUBILITY,  
LATTICE PARAMETER, BERYLLIUM ALLOY, CERIUM CONTAINING ALLOY

ABSTRACT: An attempt has been made to determine the solubility of cerium in beryllium by measuring the lattice parameters of a beryllium alloy containing 0.35% cerium over

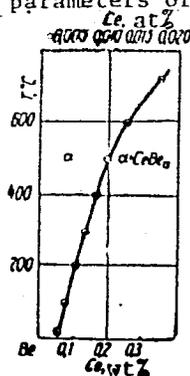


Fig. 1. Solubility of cerium in beryllium versus temperature

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ACC NR: AP6028715

a wide range of temperatures from 1200C to the temperature of liquid nitrogen. The obtained data indicated that at 720C, the solubility of cerium was 0.35% and drops continuously with decreasing temperatures to about 0.06% at room temperature (see Fig. 1). Little or no change occurs with further decreases of temperature to that of liquid nitrogen. Orig. art. has: 3 figures. [AZ]

SUB CODE: 11/ SUBM DATE: 30Mar66/ ORIG REF: 003/ OTH REF: 005/ *ATD PRESS:*

*5066*

Card *213*

SMYSHLYAYEV, E. B. Cand Med Sci -- "Initial states <sup>f</sup> epilepsy (epileptic dementia)." Perm', 1960 (Perm' State Med Inst). (KL, 1-61, 211)

-435-

SMYSHLYAYEV, G.K., gornyy inzh.

Results of using ball and rod charges in mills. Gor.zhur. no.2:  
77 F '64. (MIRA 17:4)

1. Nauchno-issledovatel'skiy i proyektno-konstrukterskiy institut  
po dobyche poleznykh iskopayemykh otkrytym sposobom, g. Chelyabinsk.

50 c  
70  
18  
8

L 41122-65 ENT(d)/ENP(c)/ENP(v)/T/ENP(k)/ENP(l) Pf-4  
ACCESSION NR: AP5004677 S/0115/64/000/009/0058/0059

AUTHOR: none

TITLE: Fourth scientific and technical conference on "Cybernetics for the improvement of measurement and inspection methods"

SOURCE: Izmeritel'naya tekhnika, no. 9, 1964, 58-59

TOPIC TAGS: cybernetics, electric measurement, electric quantity instrument, digital computer, electronic equipment, electric engineering conference

ABSTRACT: The conference was held 1-4 July at the All-Union Scientific Research Institute of Metrology by the Section of Electrical Measurements of the Council on the Problem of "Scientific Instrument Making" of the State Committee on Coordination of Scientific Research Work in the USSR together with the All-Union Scientific Research Institute of Electrical Measurement Instruments and the Leningrad Regional Administration of the Scientific and Technical Division of the Instrument Making Industry. More than 400 delegates from 29 cities of the country participated. Fifty-seven reports were heard and discussed. Reports were given by: P. V. NOVITSKIY (Leningrad)--"Definition of the Concept of Informational Error in Measurement and its Importance in Practical Use" and "On the Problem of the Average Informational Criterion of Accuracy Throughout the Entire Scale of an Instrument"; Ya. A.  
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KUPERSHVIDT (Moscow)--"On Determination of the Criteria of Accuracy for Measurement Devices"; S. M. MANDEL'SHTAM (Leningrad)--report on a new criterion of accuracy of measurement instruments; P. F. PARSHIN (Leningrad)--report on optimization when using Fourier transforms on electronic digital computers; S. P. DMITRIYEV, G. Ya. DOLGINTSEVA and A. A. IGNATOV (Leningrad)--proposal of a new method for solving problems of optimum filtering for non-stationary random signals and interference; I. B. CHEL'PANOV--"Calculation of the Dynamic Characteristics of an Optimum Complex Two-Channel System which Uses Signals from a Position Meter and from a Speed Meter"; R. A. POLUEKTOV (Leningrad)--"Optimum Periodic Correction in the Measurement of Continuous Signals"; S. F. ADAMOVICH (Moscow)--"Analysis and Construction of Devices for Correction of Non-linearity and Scaling for Unitary Codes"; G. V. GORELOVA (Taganrog)--"A Method for Statistical Optimization in Graduating the Scales of Electrical Measuring Instruments"; N. A. ZENEL'MAN (Moscow)--"Analog-Digital Voltage Converter with Automatic Error Correction"; B. N. MALINOVSKIY, V. S. KALENCHUK and I. A. YANOVICH (Kiev)--"Automatic Monitoring of the Parameters of the Electrical Signals of Complex Radio and Electronic Equipment"; V. P. PEROV (Moscow)--"Operational Cybernetics as an Independent Scientific Specialization"; Ye. N. GIL'BO (Leningrad)--"On the Problem of Effective Non-linear Scales"; A. I. MARKELOV (Moscow)--"Devices for Preliminary Processing of the Results of Measurements Presented in the Form of

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Graphic Recordings For Subsequent Introduction of the Information into Universal Digital Computers"; O. M. MOGILEVER and S. S. SOKOLOV (Leningrad)--"On a Method for Reducing Excess Information"; T. V. NIKOLAYEVA (Leningrad)--"A Device for Temporal Discretization of Continuous Signals"; A. A. LYOVIN and M. L. BULIS (Moscow)--"Optimization of the Transmission of Telemetric Information as a Means for Raising the Efficiency and Eliminating Interference"; D. E. GUKOVSKIY (Moscow)--"On a Statistic Approach to the Detection of Events in Automatic Inspection"; M. I. LANIN (Leningrad)--"Method for Calculating the Holding Time of Communications in a Centralized Inspection System or Constant Servicing Time"; O. N. BRONSHTEYN, A. L. RAYKIN and V. V. RYKOV (Moscow)--"On a Single-Line Mass Service System with Losses"; V. M. SHLYANDIN (Penza)--report on circuit designs for direct compensation electrical digital measuring instruments; A. N. KOMOV (Novocherkassk)--report on a new method for compensation of digital bridges; M. N. GLAZOV (Leningrad)--report on the problem of voltage-to-angular rotation conversion; V. S. GUTNIKOV (Leningrad)--"Methods for Construction of Frequency Capacitance Pickups with a Linear Scale"; R. Ya. SYROFYATOVA and R. R. KHARCHENKO (Moscow)--report on the determination of the amplitude-frequency and phase characteristics of PFM and PWM modulators; Ye. I. TENYAKOV (Novocherkassk)--"The Phototransistor as a Switch for Electrical Measurement Purposes"; N. V. MALYGINA (Leningrad)--a report on ways for making universal equipment for measurement of current, voltage and power; P. P. ORNATSKIY and V. I. ZOZULYA (Kiev)--reports on the construction of static voltmeters, wattmeters and

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phase motors; A. V. TRIKHANOV, I. G. SMYSHLYAYEV, N. I. SABLIN, V. M. RAZIN and V. A. GORBUNOV (Tomsk)--report on a device for automatic processing of the measurements of vibration amplitude of pneumatic hammers; L. K. RUKINA and V. G. KNORRING (Leningrad)--report on the development of a digital compensator for measuring pressure, force, etc.; N. B. DADUKINA (Leningrad)--report on a method for constructing frequency pickups for gas analysis; Ye. M. KARPOV, V. A. BRAZHNIKOV and B. Ya. LIKHITSINDER (Kuybyshev)--reports on analysis and recording of boring speeds; Yu. V. PSHENICHNIKOV (Kuybyshev)--"A High Speed Voltage-to-Digital Code Converter for ac Pickups"; G. P. VIKHROV and V. K. ISAYEV (Vilna)--"A Highly Accurate Digital Peak-to-Peak Voltmeter"; and S. M. PERSIN (Leningrad)--"A Low Level Analog-Digital Voltage Converter."

ASSOCIATION: none

SUBMITTED: 00

NO REF SOV: 000

ENCL: 00

OTHER: 000

SUB CODE: EE, EC

JPRS

*ML*  
Card 4/4

BOBODZHANOV, B.Ye.; SMYSHLYAYEV, L.M.; PANOV, V.A.

Covering the take-up rollers of looms with all-metal fillet cards.  
Tekst.prom. 25 no.2156-57 P '65. (MIRA 18:4)

1. Nachal'nik remontno-montazhnogo otdela pryadil'nogo proizvodstva No.3 Khersonskogo khlopchatobumazhnogo kombinata (for Bobodzhanov).
2. Starshiy mastera remontno-montazhnogo otdela pryadil'nogo proizvodstva No.3 Khersonskogo khlopchatobumazhnogo kombinata (for Smyshlyayev, Panov).

YEFREMOV, V.V., doktor tekhnicheskikh nauk, professor, redaktor;  
POGORELYY, I.P., kandidat tekhnicheskikh nauk, retsenzent;  
SMYSHLYAYEV, M.N., inzhener, retsenzent; POPOVA, S.M., tekhnicheskiy redaktor.

[Technology of repairing parts of caterpillar tractors]  
Tekhnologiya remonta detalei gusenichnykh traktorov; spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 575 p. (MLRA 9:5)

(Tractors--Repairing)

ACC NR: AP7002912

SOURCE CODE: UR/0170/66/011/006/0710/0720

AUTHOR: Smyshlyayev, P. P.

ORG: none

TITLE: Approximate solution of the equation for heat conduction in the one-dimensional case in the presence of phase transformations on the outer boundary of the body

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 11, no. 6, 1966, 710-720

TOPIC TAGS: conductive heat transfer, cooling, sublimation, nozzle cooling

ABSTRACT: In connection with the study of high temperature phenomena, considerable interest has been exhibited in heat transfer accompanied by phase transformations. In the present study, an analysis was made of heat transfer to the end of a semi-infinite uniform rod of sublimating material. After a given period of time, the surface of the rod attains a given temperature at which sublimation begins. The following approximate formulas were derived for calculating the motion of the

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UDC: 536.2.01

ACC NR: AP7002912

sublimation front:

$$\begin{aligned} \bar{\xi}(\bar{t}) = & \frac{k+1}{3} \tau \int_0^{\bar{t}} \bar{q}(\bar{t}) d\bar{t} - \frac{1}{3} \frac{k}{k+1} \left[ m - \right. \\ & - \tau \exp\left(-\frac{(k+1)^2}{k} \tau \int_0^{\bar{t}} \frac{d\bar{t}}{(1+k\bar{m})^2}\right) \int_0^{\bar{t}} \bar{q}_1(\bar{t}) \times \\ & \left. \times \exp\left(\frac{(k+1)^2}{k} \tau \int_0^{\bar{t}} \frac{d\bar{t}}{(1+k\bar{m})^2}\right) d\bar{t} \right] \end{aligned} \quad (1)$$

$$\bar{\xi}(\bar{t}) = \frac{k+1}{3} \tau \int_0^{\bar{t}} \bar{q}(\bar{t}) d\bar{t} + \frac{1}{3} \frac{1}{k+1}, \quad (2)$$

where  $\bar{q}(\bar{t})$  is the reduced heat flux to the surface;  $\tau = t_{\max}/p$ ;  $p = 2\lambda\gamma I_{ef}^2/3q^2c$ ;  $\lambda$  is the thermal conductivity;  $E$ , heat of sublimation;  $\gamma$ , density of material;  $k = I_{ef}/c(T_c - T_0) - 1$ ;  $T_c$ , temperature of sublimation;  $T_0$ , initial temperature;

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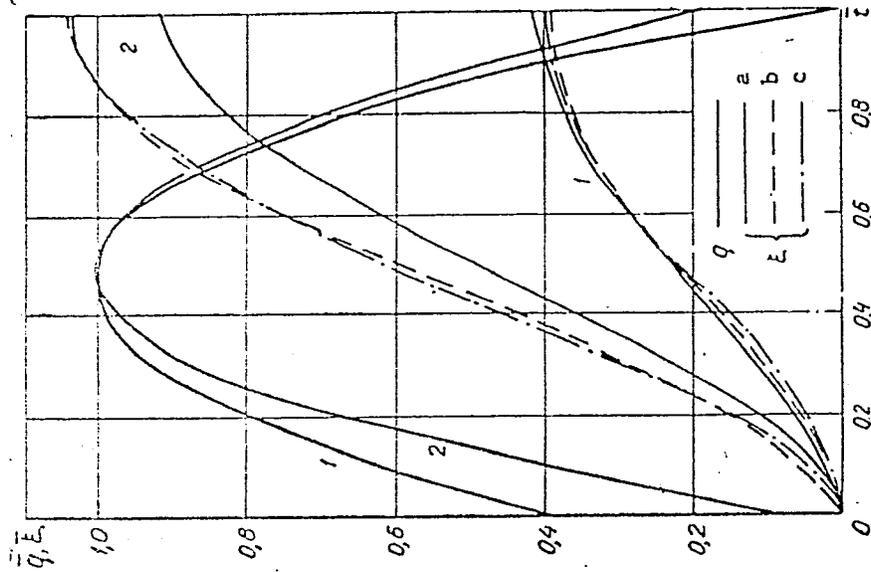


Fig. 1. Dependence of the sublimation of the material as a function of time during variable heat flux at the boundary of the body

$k = 1.756, \tau = 0.224$

(1) and 0.113 (2);

a - according to the equation  $\bar{q}(\bar{t}) = \frac{k+1}{3} \tau \int_0^{\bar{t}} \bar{q}(\bar{t}) d\bar{t}$ ;

b - numerical solution by a computer; c - calculated by formulas 1 and 2.

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ACC NR: AP7002912

$Q_{ef} = E + c(T_c - T_0)$ ;  $c$ , specific heat; and  $\xi(t)$  is the coordinate of the sublimation front. The curves in Fig. 1 show that the approximate formulas can be used in praxis for calculating the heating and sublimation of a rod or semi-infinite body. Orig. art. has: 46 formulas and 3 figures.

SUB CODE: 21/ SUBM DATE: 01Jul66/ ORIG REF: 001/ OTH REF: 001/

Card 4/4

26(4)

AUTHOR: Smyshlyayev, P.P.

SOV/43-58-19-16/16

TITLE: Hydraulic Shock in the Piston Cooling System of an  
Internal-Combustion Engine (Gidravlicheskiy udar v sisteme  
okhlazhdeniya porshney dvigatelya vnutrennego sgoraniya)

PERIODICAL: Vestnik Leningradskogo universiteta, Seriya matematiki,  
mekhaniki i astronomii, 1958, Nr 19(4), pp 203-208 (USSR)

ABSTRACT: The present paper is a short reproduction of the  
thesis written under guidance of Professor I.P.  
Ginzburg. The cooling system of an engine piston is replaced  
by the following idealized scheme : It is assumed that the  
hydraulic shock arising in the feed pipe is of the same form  
like the shock which would arise, if a piston with an  
aperture were moving in the feed pipe, where the motion of the  
piston obeys the same law as the motion of the engine piston.  
The motion of all other parts is disregarded. The liquid is  
supposed to be ideal; however, its real character is taken  
into account by the introduction of the experimentally  
measured consumption coefficients. The problem thus formulated  
leads to a boundary value problem which is approximately  
solved by the author according to a method of Ginzburg and

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Hydraulic Shock in the Piston Cooling System SOV/43-58-19-16/16  
of an Internal-Combustion Engine

Grib [Ref 2] . The paper is concluded by some discussions on  
the consideration of the air contained in the liquid and by  
some examples.  
There are 4 figures, and 5 Soviet references.

SUBMITTED: February 10, 1957

Card 2/2

USCCM-DC-60,680

SMYSHLYAYEV, S. I.

SMYSHLYAYEV, S. I. -- "The Oxalate-Fluoride Method of Qualitative Drop Analysis of Silicates." In Higher Education USSR, Ural Polytechnical Institute imeni S. M. Kirov, Chair of Analytical Chemistry, Sverdlovsk, 1956. (Dissertation for the Degree of Candidate of Chemical Sciences)

SO: Knizhnaya Letopis' No 44, October 1956

SMYSHLYAYEV, S. I.

7 7

~~The decomposition of silicates with oxalic acid. N. A. Tananaev and S. I. Smyshlyayev (S. M. Kirov Ural. Polytech. Inst., Sverdlovsk). Zhur. Neorg. Khim. 1, 1943-7 (1958).—Oxalic acid, in 10-fold excess, when added to silicates, and heated to approx. 200° causes decompn. of the latter to yield silicic acid and metal carbonate (or oxide). CO appears as a gaseous by-product. The silicates tested were olivine, serpentine, nepheline, natrolite, cement, eudialyte, revdinskite, wollastonite, cancrinite, chrysotile, asbestos, garnierite, and basic slag. C. H. Fuchsman~~

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SOV/132-59-2-10/16

3(5)

AUTHOR: Smyshlyayev, S.I.

TITLE: A Field Method for Determining Titanium Content of  
Rocks and Ores (Polevoy metod opredeleniya titana  
v gornykh porodakh i rudakh)

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 2, pp 48 - 49  
(USSR)

ABSTRACT: The author describes in detail a method to rapidly  
determine the titanium content of rocks and ores.  
The method is based on the decomposition of sili-  
cates by ammonium fluoride and on the well known  
reaction of the titanium ion with hydrogen peroxide.  
There is 1 table.

ASSOCIATION: Ural'skiy politekhnicheskiy institut (The Ural  
Polytechnical Institute)

Card 1/1

SMYSHLYAYEV, S.I.

Drop reaction for determining aluminum. Trudy Ural. politekh.  
inst. no.94:130-133 '60. (MIRA 15:6)  
(Aluminum--Analysis) (Chemical reactions)

SMYSHLYAYEV, S.I.

Oxalate-fluoride method for the qualitative drop analysis of  
silicates. Trudy Ural. politekh. inst. no.94:168-173 '60.  
(MIRA 15:6)

(Silicates--Analysis)

YUDIN, I.A.; SMYSHLYAYEV, S.I.

Mineralographic and chemical study of opaque minerals of the  
Okhansk meteorite. Meteoritika no.23:72-79 '63. (MIRA 16:9)  
(Meteorites)



YUDIN, I.A.; SMYSHLYAYEV, S.I.

Mineralographic and chemical study of opaque minerals of the Norton County and Staroe Pes'yance achondrites. Meteoritika no.25:96-120 '64. (MIRA 17:9)

Mineralographic and chemical study of opaque minerals of the Holbrook chondrite. Meteoritika no.25:121-128 '64. (MIRA 17:9)

NIKOLAYEV, A.I.; KASHCHUK, V.A.

Determination of nickel and magnesium by the triconometric  
method in isomorphous salts. Trudy Ural. politekh. inst.  
№. 28:74-76 163.

(MIRA 17 20)

[The main body of the page contains extremely faint and illegible text, likely a scan of a document with low contrast or significant fading. The text is mostly centered and appears to be a list or a series of short paragraphs.]

SMYSHLYAYEV, V. I.: Master Geolog-Mineralog Sci (diss) -- "The petrology of the Naya gabbro-plagiogranite intrusive complex (western Sayan)". Tomsk, 1958. 19 pp (Min Higher Educ USSR, Tomsk Order of Labor Red Banner Polytech Inst im S. M. Kirov), 150 copies (KL, No 12, 1959, 126)

22(1)

SOV/3-59-3-28/48

AUTHOR: Smyshlyayev, V.K.

TITLE: "A Mathematical Newspaper" ("Matematicheskaya gazeta")

PERIODICAL: Vestnik vysshey shkoly, 1959, Nr 3, pp 58-59 (USSR)

ABSTRACT: Two years ago, members of the Elementary Mathematic Circle of the Mari Pedagogic Institute decided to publish a mathematical newspaper containing 10 to 15 articles. The paper is published bi-monthly and members of the circle work with great enthusiasm on its publication, being assisted by Candidates of Physico-Mathematical Sciences T.A. Kokarëva and A.N. Khovanskiy. The newspaper has quite a number of basic sections, one of which, "Problems, Exercises, Questions", is read with great interest by the students. There is 1 photograph.

ASSOCIATION: Mariyskiy pedagogicheskiy institut imeni N.K. Krupskoy (Mari Pedagogical Institute imeni N.K. Krupskaya)

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SMYSHLYAYEV, V.K. (Yoshkar-Ola); BAYTAL'SKIY, M.M. (Odessa); IVANOVA, Zh. (Vratsa, Bolgariya); USHAKOV, V.V. (Staryy Oskol); PRESMAN, A.A. (Sverdlovsk); LEVIN, M.N. (Tartu); BRIGADIN, I.Ya. (Moakva); LEVIN, M.I. (Tartu); KASHIN, B.I. (Kalininskaya obl.)

Problems for students. Mat. v shkole no.6:90-91 N-D '59 (MIRA 13:3)  
(Mathematics--Problems, exercises, etc.)

SMYSHLYAYEV, V.K. (Yoshkar-Ola)

Review of articles pertaining to the elementary solution of  
algebraic equations. Mat.v shkole no.1:69-76 Ja-F '60.  
(MIRA 13:5)  
(Algebra--Problems, exercises, etc.)

SMYSHLYAYEV, V.K.

General case of compression of continued fractions. Izv. vys.  
ucheb. zav.; mat. no.1:178 :62. (MIRA 15:1)  
(Fractions, Continued)

SMYSHLYAYEV, V.K.; KHOVANSKIY, A.N. (Yoshkar-Ola)

Historicomathematical quiz. Mat.v shkole no.5:66-74 S-0 '62.  
(MIRA 15:12)  
(Mathematics--Problems, exercises, etc.)

SMYSHLYAYEV, V.K. (g. Yoshkar-Ola)

General case of the convergence of continued fractions.

Izv. vys. ucheb. zav.; mat. no.3:158-161 '63. (MIRA 16:4)

(Fractions, Continued)

SMYSHLYAYEV, V.N.

Plagioclase granite intrusive complex in the northern slope of  
the Western Sayan Mountains. Trudy Inst. geol. i geofiz. Sib.  
otd. AN SSSR no.33:92-106 '63.

(MIRA 17:11)

SMYSHLYAYEV, V.N.

Principa; structural characteristics of the Mainskaya plagioclase  
granite intrusion (Western Sayan Mountains). Izv. TPI 90:69-84 '58.  
(MIRA 12:2)

1. Predstavleno professorom doktorom Yu.A. Kuznetsovym.  
(Sayan Mountains--Monzonites)

SMYSHLYAYEVA, A. F.

37711 k voprosj o nekotorykh funktsiyakh pecheni pri khronicheskikh antiokholetsistitakh y detey. trudy tomskogo med. in-ta im. mo- lotova, t. xv., 1949, s. 315-21.

So. Letopis' Zhurnal'nykh Statey, Vol. 47, 194 9

SMYSHLYAYEVA, A.F.

[Diseases of the gall bladder and biliary tract in children]  
Zabolevaniia shelchnogo puzyria i shelchnykh putei u detei.  
Moskva, Medgiz, 1957. 122 p. (MIRA 10:11)  
(BILIARY TRACT--DISEASES)

SMYSHLYAYEVA, A.F., prof.

I.N. Osipov; obituary. *Pediatrics* 36 no.11:89 N '58. (MIRA 12:8)  
(OSIPOV, INNOKENTII NIKOLAEVICH, 1896-1958)

SMYSHLYAYEVA, A.F.

Age hemogram of healthy children in Tomsk. *Pediatrics* 38 no. 7:38-  
43 JI '60. (MIRA 14:1)

(TOMSK--BLOOD CELLS)

SMYSHLYAYEVA, A.F.

Hemogram and serum iron of healthy infants in Tomsk under various methods of feeding. *Pediatrics* no.7:18-22 '61. (MIRA 14:9)

1. Iz kafedry fakul'tetskoy pediatrii (zav. - prof. A.F. Smyshlyayeva) Tomskogo meditsinskogo instituta (dir. - prof. I.V. Toroptsev).

(TOMSK--INFANTS--NUTRITION) (IRON IN THE BODY)  
(BLOOD)

REVERDATTO, V.V., otv. red.; SMYSHLYAYEVA, A.F., red.; STREL'NIKOVA,  
N.D., red.; SMIRNOV, Ye.S., red.; ZHELNOV, I.I., red.

[Transactions dedicated to the 20th anniversary of the  
Pharmaceutical Department] Sbornik trudov, posviashchen-  
nyi XX-letiiu farmatsevticheskogo fakul'teta. Tomsk,  
1962. 203 p. (MIRA 17:10)

1. Tomsk. Gosudarstvennyy meditsinskiy institut. 2. Zave-  
duyushchiy kafedroy obshchey khimii Tomskogo meditsinskogo  
instituta (for Strel'nikova). 3. Zaveduyushchiy kafedroy  
organicheskoy i fiziko-kolloidnoy khimii Tomskogo meditsin-  
skogo instituta (for Zhelnov). 4. Zaveduyushchiy kafedroy  
farmatsevticheskoy i sudebnoy khimii Tomskogo meditsinskogo  
instituta (for Smirnov).

CHIBRYANINA, A. P., Master Med. Sci. —(diss) "Materials on the treatment of stomach ulcers and the duodenum with medication sleep." Khabarovsk, 1957, 13 pp (Khabarovsk State Med Inst), 200 copies (AB, No 40, 1957, p.30)

SMYSHLYAYEVA, A.P.

Medication sleep therapy in gastric and duodenal ulcers. Sov. med. 23  
no.3:24-28 Mr '59. (MIRA 12:4)

1. Iz gospital'noy terapevticheskoy kliniki (zav. - prof. B. A. Temper)  
Khabarovskogo meditsinskogo instituta (dir. - dots. S. K. Nechepayev).  
(PEPTIC ULCER, ther.  
medication sleep ther. (Rus))  
(SLEEP. ther. use,  
peptic ulcer, medication sleep (Rus))

TEMPER, B.A.; VASILEVSKAYA, N.P.; MOROZ, R.I.; SMYSHLYAYEVA, A.P.

Characteristics of the arterial pressure in young people in the  
city of Khabarovsk; report No. 1. Trudy Khab.med.inst. no.20:162-  
170 '60. (MIRA 15:10)

1. Iz kafedry gospital'noy terapii (zav. prof. B.A.Temper)  
Khabarovskogo meditsinskogo instituta.  
(Khabarovsk---BLOOD PRESSURE)

SMYSHLAYEVA, L. , MSTISLAVSKIY, P.

Economics

Clarification of industrial economics in professional journals. Voprosy Ekonomiki, No.1, 1952.

Monthly List of Russian Accessions. Library of Congress. March 1952. Unclassified.

SMYSHLYAYEVA, Igudmila Matveyevna; SHNAYDMAN, M.I., otvetstvennyy red.;  
GOLUBYATNIKOVA, G.S., red.izd-va; MADEINSKAYA, A.A., tekhn.red.

[Possibilities for increasing labor productivity in the coal  
industry] Rezervy povysheniya proizvoditel'nosti truda v ugol'noi  
promyshlennosti. Moskva, Ugletekhizdat, 1957. 124 p. (MIRA 11:6)  
(Coal mines and mining) (Labor productivity)

SMYSHLYAYEVA, L.

Developing the gas industry and gas consumption in the U.S.S.R.  
Vop.ekon. no.9:110-119 S '60. (MIRA 1318)  
(Gas industry)

SMYSHLYAYEVA, L.M.; KHACHATUROV, T.S., otv. red.; IVANOV, Ye.A., red.  
izd-va; TIKHOMIROVA, S.G., tekhn. red.; SIMKINA, G.S., tekhn.  
red.

[Development of the gas industry and the economic effectiveness  
of capital investments] Razvitie gazovoi promyshlennosti i eko-  
nomicheskaya effektivnost' kapitalovlozhenii. Moskva, Izd-vo  
Akad. nauk SSSR, 1961. 190 p. (MIRA 15:1)

1. Chlen-korrespondent Akademii nauk SSSR (for Khachaturov).  
(Gas industry)

NIKITIN, T.I.; SMYSHLYAYEVA, T.N.

Tower cranes for general overhaul of apartment houses in Moscow.  
Gor.khoz.Mosk. 30 no.5:19-22 My '56. (MLRA 9:8)

1. Glavnyy inzhener t-sta no. 1 Upravleniya kapital'nogo remonta  
zhilykh domov Mosgorispolkoma (for Nikitin); 2. Nauchnyy sotrudnik  
Akademii komunal'nogo khozyaystva (for Smyshlyayev).  
(Apartment houses--Maintenance and repair)  
(Cranes, derricks, etc.)

SMYSHLYAYEVA, T., nauchnyy sotrudnik.

Using gas driers for drying plaster. Zhil-kom.khoz.7 no.11:7-9 '57.  
(MIRA 10:12)

1. Akademiya kommunal'nogo khozyaystva.  
(Plaster--Drying) (Drying apparatus)

SMYSHLYAYEVA, T.N.; PRAVOVEROV, K.N.

Use of convection gas drying apparatus in the repair of apartment houses. Sbor. nauch. rab. AKKH no.9:82-93 '61. (MIRA 16:1)  
(Apartment houses—Maintenance and repair) (Drying apparatus)

SMYSHLYAYEVA, T.N.; ZAKHAROVA, Z.L.; PROVOVEROV, K.N.

Drying plaster on the walls of buildings with gas infrared  
radiant heaters. Sbor. nauch. rab. AKKH no.9:94-105 '61.

(MIRA 16:1)

(Infrared rays—Industrial applications)

(Plaster—Drying)

YANOVSKIY, A.P.; SMYSHLYAYEVA, T.N., nauchnyy sotrudnik

Drying and heating buildings under construction or repair with gas devices. Cor. khoz. Mosk. 35 no.8:34-35 Ag '61. (MIRA 14:8)

1. Glavnyy mekhanik remontno-stroitel'nogo tresta Krasnopresnenskogo rayona Moskvy (for Yanovskiy). 2. Akademiya kommunal'nogo khozyaystva imeni K.D. Pamfilova (for Smyshlyayeva).  
(Gas appliances) (Hot air heating)